

Instruction: Read the questions below and choose the correct answer based on the reading text "Ada Lovelace: The First Computer Programmer." Choose the correct response.

1. What was Ada Lovelace's father's occupation?

- a. Scientist.
- b. Mathematician.
- c. Poet.
- d. Engineer.

2. At what age did Ada meet Charles Babbage?

- a. 21.
- b. 17.
- c. 25.
- d. 30.

3. What was Charles Babbage's machine called?

- a. The Calculating Engine.
- b. The Difference Machine.
- c. The Analytical Engine.
- d. The Babbage Computer.

4. **What did Ada translate from French to English?**

- a. A science textbook.
- b. A novel.
- c. An article about Babbage's machine.
- d. A math paper.

5. **What did Ada Lovelace's notes primarily discuss?**

- a. The history of mathematics.
- b. The design of mechanical gears.
- c. Instructions for the Analytical Engine.
- d. Biography of Charles Babbage.

6. **What is Ada Lovelace known for being the first to do?**

- a. Build a computer.
- b. Write a computer program.
- c. Discover a mathematical theorem.
- d. Invent a machine.

7. **What did Ada believe machines could create besides math?**

- a. Buildings.
- b. Medicine.
- c. Music and art.
- d. Clothing.

8. What did people later use Ada's notes for?

- a. Writing poetry.
- b. Building bridges.
- c. Helping to build modern computers.
- d. Teaching mathematics.

9. When is Ada Lovelace Day celebrated?

- a. First Monday of September.
- b. Last Friday of November.
- c. Second Tuesday of October.
- d. Third Wednesday of June.

10. What does Ada's story encourage people to do?

- a. Learn poetry.
- b. Study history.
- c. Turn dreams into reality.
- d. Travel the world.